

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0554	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0554 Walnut Grove	M	1.09						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05		0.05	4.59%				
Encroachments	0.01		0.01	0.92%	0.01			
Emergency Supplies & Equipment	0.01		0.01	0.92%				
<i>Supplemental</i>								
USACE Erosion Survey	0.09		0.09	8.26%				
<i>LMA Totals:</i>	0.16	0.00	0.16	14.68%	0.01	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.09
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	03/27/2012 - 03/27/2012		10/04/2012 - 10/04/2012	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Gilbert Labrie DCC Engineering Co., INC.		Gilbert Labrie DCC Engineering Co., INC.	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0554 Walnut Grove

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River					Left	1.09	10/04/2012 10/04/2012	Herman Phillips

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End					Start	End	Photo
1			Earthen Levee	Emergency Supplies & Equipment	WS M Ma		°	°	3
DWR ID: DWR_RD0554_01_s_2012_3									
2			Earthen Levee	Flood Preparedness & Training	WS A Ma		°	°	8
DWR ID: DWR_RD0554_01_s_2012_8									
3			Earthen Levee	Operations & Maintenance Manuals	WS A Ma		°	°	9
DWR ID: DWR_RD0554_01_s_2012_9									
4	0.07	0.07	Earthen Levee	Vegetation	WS A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.248293 ° -121.509947 °	38.248293 ° -121.509947 °	10 Y
DWR ID: DWR_RD0554_01_f_2012_10									
5	0.07	0.07	Earthen Levee	Vegetation	LS A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.248293 ° -121.509947 °	38.248293 ° -121.509947 °	11 Y
DWR ID: DWR_RD0554_01_f_2012_11									
6	0.25	0.30	Earthen Levee	Vegetation	WS M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.246150 ° -121.510717 °	38.245427 ° -121.511224 °	5
DWR ID: DWR_RD0554_01_f_2012_5									
7	0.25	0.34	Supplemental	USACE Erosion Survey	WS M Ma	Inspector Comments: 2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2012: No observed change. [2012 Site ID: SAC_27-0_L]	38.246222 ° -121.510878 °	38.245017 ° -121.511740 °	2 Y
DWR ID:									
8	0.32	0.32	Earthen Levee	Encroachments	WS M Ma	TR : Tree or limb	38.245152 ° -121.511435 °	38.245152 ° -121.511435 °	7
DWR ID: DWR_RD0554_01_f_2012_7									
9	0.34	0.34	Earthen Levee	Encroachments	WS C En	TR : Tree or limb	38.244942 ° -121.511544 °	38.244942 ° -121.511544 °	1
DWR ID: DWR_RD0554_01_s_2012_1									
10	0.63	0.80	Earthen Levee	Vegetation	WSA/W Ob	V8 : Environmental Requirements.	38.241503 ° -121.514579 °	38.239527 ° -121.516441 °	4
DWR ID: DWR_RD0554_01_s_2012_4									
11	0.97	0.97	Earthen Levee	Encroachments	WS M En	BU : Building	38.237108 ° -121.516743 °	38.237108 ° -121.516743 °	6
DWR ID: DWR_RD0554_01_s_2012_6									

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.09	10/04/2012 10/04/2012	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	0.07
End Levee Mile	0.07
Location	Water Side
Category	Earthen Levee
Item	Vegetation

RD 554 looking downstream from levee mile 0.07 waterside shoulder. Photo taken 10-04-2012.

phillips_f_20121120_407.jpg



Levee Mile Report Line	5
Start Levee Mile	0.07
End Levee Mile	0.07
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from levee mile 0.07 RD 554. Photo taken 10-04-2012.

phillips_f_20121120_408.jpg



Levee Mile Report Line	7
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2012_SAC_27-0_L_1.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.09	10/04/2012 10/04/2012	Herman Phillips

Levee Mile Report Line	7
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2012_SAC_27-0_L_2.jpg



Levee Mile Report Line	7
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2012_SAC_27-0_L_3.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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